



IOI OLEOCHEMICAL

IOI Pan-Century Oleochemicals Sdn. Bhd.

198801000836 (168193-W)

Certificate of Analysis

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Date : 28-Jan-2024 Sample Date : 29-Dec-2023
Product : SOAP NOODLE EXTRA WHITE 80:20 1-2% GLYCERIN MP/ MB

Batch No : W1785A0335 Manufacturing Date: 28-Dec-2023
SO No : 132697 :20 Expiry Date : 27-Dec-2024
Certificate No : 40000423779
Customer PO No : 11737
Sample Type : BAGS
Sampling Procedure : SOP-QCD-108
Quantity : 20 MTS

ANALYSIS RESULTS

Test Parameters	Test Result	Specifications	Unit	Test Method
FFA(as Palmitic)	0.45	1.50 Max	%	AOCS Da 4a-48
Free Glycerol	1.23	1.00 - 2.00	%	AOCS Da 23-56
Free Alkali NaOH (Zero)	ZERO	Free Alkali NaOH% (ZERO)		
Moisture	12.6	12.0 - 14.5	%	In-house method
Sodium Chloride	0.46	0.60 Max	%	AOCS Da 9-48
Total Fatty Matter	78.8	77.0 - 79.0	%	In-house method
Chelating Agent Present	Present	Chelating Agent Present		
Composition PKO	20	Composition Pko 20%		
Composition Palm Oil	80	Composition Palm Oil 80%		
Palm Kernel Acid	0.44	1.30 Max	%	

Remarks :
Contributes to the production of certified sustainable palm oil.

RSPO CERT. No.: CU-RSPO SCC-875722

This COA shall not be re-produced except in full, without written approval from Laboratory.



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IOI Pan-Century Oleochemicals Sdn. Bhd.

Ismayanti binti Mukhtar
B.SC. (Hons)

CHEMIST



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Sodium Kernelate	17.12	14.00 - 18.00	%	
Sodium Palmate	68.49	67.00 - 72.00	%	
Tetrasodium Etidronate	0.05	0.05 Max	%	In-house method
Tetrasodium EDTA	0.04	0.05 Max	%	In-house method
Titre	45.0	43.0 - 47.0	°C	AOCS Tr 1a-64
Acid Value	217.4	214.0 Min	mg KOH/g	AOCS Te 1a-64
Iodine Value	39.0	35.0 - 40.0	g I ₂ /100g	AOCS Cd - 1d - 92 (1997)

Invoice No.: 90236713

"The shelf life of Soap Noodles is one year after the manufacturing date with recommended storage conditions at 25 ± 5°C and relative humidity of 70 ± 10%. Moisture content of Soap Noodles is subjected to change during storage. It is always recommended to reconfirm moisture content prior to use."

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[Signature]

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